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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,319	06/01/2001	Lennart Axelsson	LCB 363	4554

7590

11/01/2002

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Legal Department
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EXAMINER

LEON, EDWIN A

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 11/01/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/872,319

Applicant(s)

AXELSSON, LENNART

Examiner

Edwin A. León

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 August 2002.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) 7-10 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 June 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. Applicant's election with traverse of Group I, Claims 1-6 in Paper No. 3 is acknowledged. The traversal is on the ground(s) that the characterization of the groups as process of making and product made is inaccurate. Even though, the Examiner agrees with Applicant's arguments, the restriction still applies since Claims 7-10 recite a method of using the connector described in Claims 1-6, and would still be distinct between each other since Claims 1-6 do not require an insulating wire and crimping the intermediate portion over the wire. The classification given in the first restriction would be the same. Therefore, the requirement is still deemed proper and is therefore made FINAL.

Drawings

2. Figures 3A, 4A, 5A, 6A and 7A should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

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3. The drawings are objected to because the cross hatching is incorrect. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Clarkson et al. (U.S. Patent No. 3,082,397). With regard to Claim 1, Clarkson et al. discloses a terminal (Fig. 1) disposed on a carrier strip (Fig. 2), the terminal (Fig. 1) comprising: a contact portion (tip portion of 13 and 15); and a generally round barrel portion (11) attached to the carrier strip (Fig. 2), the barrel portion (11) having a generally squared shoulder (Attachment 1) where the barrel portion (11) meets the carrier strip (Fig. 2), the squared shoulder (Attachment 1) facilitating cutting the terminal (Fig. 1) completely from the carrier strip (Fig. 2). See Figs. 1-6 and Attachment 1.

With regard to Claim 2, Clarkson et al. discloses the round barrel portion (11) of the terminal (Fig. 1) being attached to the carrier strip (Fig. 2) at two distinct points and

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the generally round barrel portion (11) has a generally squared shoulder (Attachment 1) at each of the distinct points. See Figs. 1-6 and Attachment 1.

With regard to Claim 3, Clarkson et al. discloses the terminal (Fig. 1) further comprising an intermediate portion (Attachment 1) disposed between the contact portion (tip portion of 13 and 15) and the barrel portion (11). See Figs. 1-6 and Attachment 1.

With regard to Claim 4, Clarkson et al. discloses a carrier strip (Fig. 2) integrally connecting and including a plurality of terminals (Fig. 1), each of the plurality of terminals (Fig. 1) comprising a contact portion (tip portion of 13 and 15) and a generally round barrel portion (11) attached to the carrier strip (Fig. 2), the barrel portion (11) having a generally squared shoulder (Attachment 1) where the barrel portion (11) meets the carrier strip (Fig. 2), the squared shoulder (Attachment 1) facilitating the complete removal of the terminals (Fig. 1) from the carrier strip (Fig. 2). See Figs. 1-6 and Attachment 1.

With regard to Claim 5, Clarkson et al. discloses each of the plurality of terminals (Fig. 1) further comprising an intermediate portion (Attachment 1) disposed between the contact portion (tip portion of 13 and 15) and the barrel portion (11). See Figs. 1-6 and Attachment 1.

With regard to Claim 6, Clarkson et al. discloses the plurality of terminals (Fig. 1) being integrally connected with links of the carrier strip (Fig. 2) and the terminals (Fig. 1) are arranged on the carrier strip (Fig. 2) such that there are first and last end terminals (Fig. 1) with a plurality of intermediate terminals (Fig. 1) disposed between the end

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terminals (Fig. 1) on the carrier strip (Fig. 2), wherein each of the end terminals (Fig. 1) includes a barrel portion (11) having a single generally squared shoulder (Attachment 1) where the barrel portion (11) meets one of the links of the carrier strip (Fig. 2) and each of the intermediate terminals (Fig. 1) includes a barrel portion (11) having a pair of generally squared shoulder (Attachment 1) generally diametrically opposed on the barrel portion (11) such that each shoulder (Attachment 1) meets one of the links of the carrier strip (Fig. 2). See Figs. 1-6 and Attachment 1.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Goncalves (U.S. Patent No. 5,544,778), Sonoda (U.S. Patent No. 4,466,692), Thillays (U.S. Patent No. 4,292,735), McCartin (U.S. Patent No. 5,975,952), and Schneider et al. (U.S. Patent No. 4,492,023) disclose carrier strips having barrel portions with generally squared shoulders to facilitate cutting.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin A. León whose telephone number is (703) 308-6253. The examiner can normally be reached on Monday - Friday 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (703) 308-2319. The fax phone numbers for the organization where this application or proceeding is assigned are (703)

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308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



THOD.TA
PRIMARY EXAMINER

Edwin A. Leon
AU 2833

EAL
October 26, 2002

Attachment 1

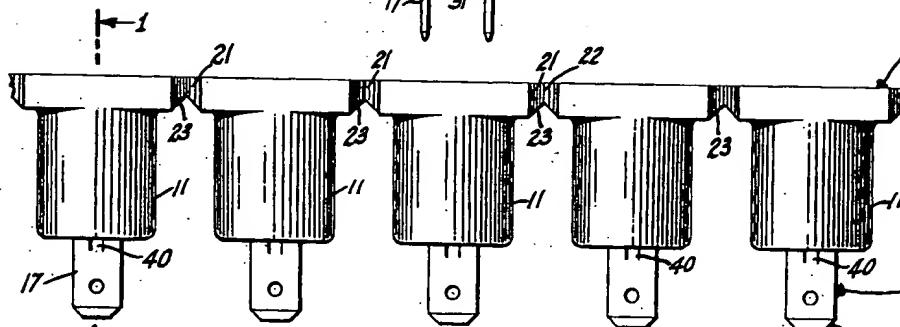
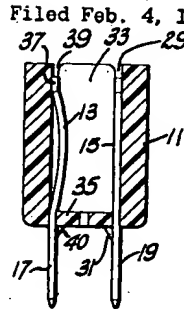
March 19, 1963

J. B. CLARKSON ET AL
SOCKET

3,082,397

Filed Feb. 4, 1960

Fig. 1



Squared
Shoulder

Intermediate
portion

Contact
portion

Fig. 2

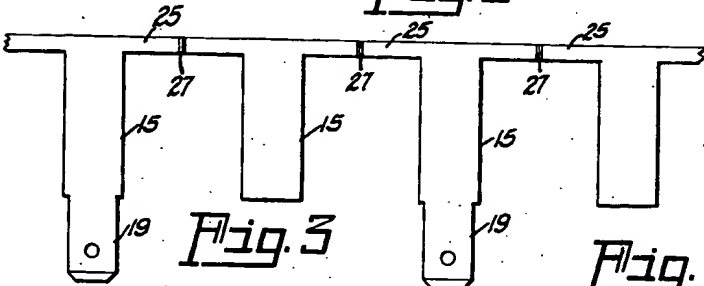


Fig. 3

Fig. 4

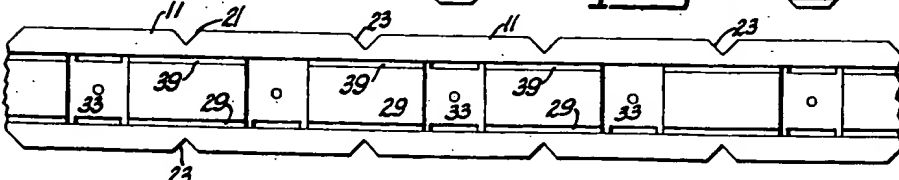


Fig. 5



Fig. 6

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